

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/520,901A

Source: PCR

Date Processed by STIC: 4/14/06

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 04/14/2006

PATENT APPLICATION: US/10/520,901A

TIME: 10:04:45

Input Set : A:\00450122.TXT

Output Set: N:\CRF4\04142006\J520901A.raw

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3 <110> APPLICANT: Fujiwara, Toshiyuki
4     Tanaka, Noriaki
5     Kyo, Satoru
6     Shirakiya, Yoshiko
7     Kawashima, Takeshi
9 <120> TITLE OF INVENTION: ONCOLYTIC VIRUS REPLICATING SELECTIVELY IN TUMOR CELLS
11 <130> FILE REFERENCE: 09857/0202272-US0
13 <140> CURRENT APPLICATION NUMBER: 10/520,901A
14 <141> CURRENT FILING DATE: 2005-01-07
16 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/008573
17 <151> PRIOR FILING DATE: 2003-07-07
19 <150> PRIOR APPLICATION NUMBER: 2002-198941
20 <151> PRIOR FILING DATE: 2002-07-08
22 <160> NUMBER OF SEQ ID NOS: 8
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 899
28 <212> TYPE: DNA
29 <213> ORGANISM: adenovirus
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36 agccattttg aaccacctac ctttcacgaa ctgtatgatt tagacgtgac ggcccccgaa      180
38 gatcccaacg aggaggcggt ttcgcagatt tttcccgact ctgtaatgtt ggcggtgcag      240
40 gaagggtatt acttactcac ttttcgcgcg gcgcccgggt ctccggagcc gcctcacctt      300
42 tcccggcagc ccgagcagcc ggagcagaga gccttggttc cggtttctat gccaaacctt      360
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46 gatgaagagg gtgaggagtt tgtgttagat tatgtggagc accccgggca cggttgcagg      480
48 tcttgtcatt atcaccggag gaatacgggg gaccagata ttatgtgttc gctttgctat      540
50 atgaggacct gtggcatgtt tgtctacagt cctgtgtctg aacctgagcc tgagcccgag      600
52 ccagaaccgg agcctgcaag acctaccgcg cgctcctaaa tggcgccctgc tatectgaga      660
54 gcgccgacat cacctgtgtc tagaagaatgc aatagtagta cggatagctg tgactccggt      720
56 ccttctaaca cacctcctga gatacacccg gtggtcccgc tgtgccccat taaaccagtt      780
58 gccgtgagag ttggtgggcg tcgccaggct gtggaatgta tcgaggactt gcttaacgag      840
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65 <212> TYPE: DNA
66 <213> ORGANISM: adenovirus
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73 agttagtctg cagaattaag gaggattaca agtggaatt tgaagagctt ttgaaatcct      180

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79 ttataaagga taaatggagc gaagaaaccc atctgagcgg ggggtacctg ctggattttc 360
81 tggccatgca tctgtggaga gcggttgtga gacacaagaa tcgcctgcta ctgttgctct 420
83 ccgtccgccc ggcgataata ccgacggagg agcagcagca gcagcaggag gaagccaggc 480
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87 tggtgtacag gtggctgaac tgtatccaga actgagacgc attttgacaa ttacagagga 600
89 tgggcagggg cttaaagggg taaagaggga gcggggggct tgtgaggcta cagaggaggc 660
91 taggaatcta gcttttagct taatgaccag acaccgtcct gagtgtatta cttttcaaca 720
93 gatcaaggat aattgcgcta atgagcttga tctgctggcg cagaagtatt ccatagagca 780
95 gctgaccact tactggctgc agccaggggg tgattttgag gaggctatta gggatatatgc 840
97 aaagggtggc cttaggccag attgcaagta caagatcagc aaacttgtaa atatcaggaa 900
99 ttgttgctac atttctggga acggggccga ggtggagata gatacggagg atagggtggc 960
101 ctttagatgt agcatgataa atatgtggcc gggggtgctt ggcattggac ggggtggtat 1020
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105 ccttatccta caccgtgtaa gcttctatgg gtttaacaat acctgtgtgg aagcctggac 1140
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119 tttgggtaac aggagggggg tgttctacc ttaccaatgc aatttgagtc acactaagat 1560
121 attgcttgag cccgagagca tgtccaaggt gaacctgaac ggggtgtttg acatgaccat 1620
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125 tggcggtaaa catattagga accagcctgt gatgctggat gtgaccgagg agctgaggcc 1740
127 cgatcacttg gtgctggcct gcacccgcgc tgagtttggc tctagcgatg aagatacaga 1800
129 ttgaggtagt gaaatgtgtg ggc 1823
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133 <211> LENGTH: 605
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135 <213> ORGANISM: picornavirus
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142 tcttttggca atgtgagggc ccggaacact ggccctgtct tcttgacgag cattcctagg 180
144 ggtctttccc ctctcgcca aggaatgcaa ggtctgttga atgtcgtgaa ggaagcagtt 240
146 cctctggaag cttcttgaag acaaacaacg tctgtagcga ccctttgcag gcagcggaac 300
148 ccccccactg gcgacagggt cctctgcggc caaaagccac gtgtataaga tacacctgca 360
150 aaggcggcac aacccagtg ccacgttgtg agttggatag ttgtggaag agtcaaattg 420
152 ctctcctcaa gcgtattcaa caaggggctg aaggatgccc agaaggtagc ccattgtatg 480
154 ggatctgatc tggggcctcg gtgcacatgc tttacatgtg tttagtcgag gttaaaaaaa 540
156 cgtctaggcc ccccgaaaca cggggacgtg gttttccttt gaaaaacacg atgataagct 600
158 tgcca 605
161 <210> SEQ ID NO: 4
162 <211> LENGTH: 455
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
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167 tggccccctcc ctcgggttac cccacagcct aggccgattc gacctctctc cgctggggcc      60
169 ctcgctggcg tccctgcacc ctgggagcgc gagcggcgcg cgggcgggga agcgcgggcc      120
171 agacccccgg gtccgcccgg agcagctgcg ctgtcggggc caggccgggc tcccagtgga      180
173 ttcgcgggca cagacgcccga ggaccgcgct cccacgtgg cggagggact ggggaccgga      240
175 gcaccctctc tgccccttca ccttcagct ccgcctcctc cgcgcggacc ccgcccctc      300
177 ccgaccctc ccgggtcccc gggccagccc cctccgggcc ctccagccc ctccccttc      360
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185 <211> LENGTH: 20
186 <212> TYPE: DNA
187 <213> ORGANISM: artificial
189 <220> FEATURE:
190 <223> OTHER INFORMATION: primer
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198 <212> TYPE: DNA
199 <213> ORGANISM: artificial
201 <220> FEATURE:
202 <223> OTHER INFORMATION: primer
204 <400> SEQUENCE: 6
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208 <210> SEQ ID NO: 7
209 <211> LENGTH: 20
210 <212> TYPE: DNA
211 <213> ORGANISM: artificial
213 <220> FEATURE:
214 <223> OTHER INFORMATION: primer
216 <400> SEQUENCE: 7
217 ctgacctcat ggaggcttgg      20
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221 <211> LENGTH: 21
222 <212> TYPE: DNA
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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 04/14/2006  
PATENT APPLICATION: US/10/520,901A      TIME: 10:04:46

Input Set : A:\00450122.TXT  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:5,6,7,8

**VERIFICATION SUMMARY**

DATE: 04/14/2006

PATENT APPLICATION: US/10/520,901A

TIME: 10:04:46

Input Set : A:\00450122.TXT

Output Set: N:\CRF4\04142006\J520901A.raw